

BSC 307 Problem Based Learning Assignment

Problem based learning (PBL) is an extremely effective teaching tool that can be used to engage students in content while learning problem-solving skills. The purpose of this assignment is to help you practice developing effective problem based learning activities for your classroom. The assignment requirements are outlined below.

Assignment Requirements:

1. Design a PBL that would be used as a multiple day project that integrates at least 3 scientific disciplines (out of biology, chemistry, physics, and earth/space science). This PBL should be in the form of a web quest. This web quest can utilize any of the templates discussed in class. The teacher's resource page must include the components below:

- a. Objectives, concepts and standards
- b. Potential places to use in the curriculum
- c. Implementation strategies (i.e. group size, time allotment, prior knowledge needed, etc.)
- d. Rationale for this PBL

2. In class presentation – You will be presenting your problem based learning web quest in class as per the date on the Weekly Guide.

3. Submission – Submission of this activity will be electronic. Please post the link to your web quest on the BSC 307 WIKI on the Problem Based Learning page by its due date.